

THE NEW AMBROSE CHANNEL

GEN. BIXBY REPORTS IT 93 PER CENT. COMPLETED.

KEYS Channel in the Upper Bay 2,000 feet wide and 40 feet deep. Effects of diversion of water from Niagara River will raise the Maine.

WASHINGTON, Nov. 22.—The new Ambrose channel in New York bay is 93 per cent completed, according to the estimate of Brig. Gen. William H. Bixby, chief of engineers of the army, in his annual report for the fiscal year ended June 30. The report says:

"Ambrose channel now has a depth of forty feet at mean low water for 1,200 feet width over its inner half (three and one-half miles in length) and 1,800 feet width over its outer half. Practically all the rest of the width is now between thirty-five and forty feet deep. The channel is easily navigable at mean low tide for ships of thirty-seven feet draught going at moderate speed and has a maximum high water capacity of forty-four feet. The project is regarded as about 93 per cent completed. It is now used by nearly all the steam vessels entering and leaving the harbor."

Gen. Bixby's report shows that the total amount actually expended for river and harbor improvement work under his direction in the last fiscal year was \$32,457,012. He submits a total estimate of \$19,628,098 for continuing this work next year, for appropriation in the river and harbor bill of \$17,045,430 and for appropriation in the sundry civil bill of \$2,114,000.

Gen. Bixby says that a deep water channel 2,000 feet wide and forty feet deep should be dredged in the anchorage in the upper bay of New York at a cost of about \$1,000,000. In plain talk, Gen. Bixby says he regards by far the shipping companies as being the most advanced agents for the needs of the great harbor.

Discussing the power situation at Niagara Falls, Gen. Bixby says:

The operations during the fiscal year additional to the supervision of power companies diverting water from the Niagara River, consisted in continued investigations of shop relations and a study of the effects of the increasing diversions upon lake and river heights and upon the integrity of the falls. Gauges were maintained during the season of rains and the records of these gauges for the last two years were reduced and compared with corresponding records from 1900 to 1905. These reductions indicate that the estimated increased diversion of 11,000 cubic feet per second from the Niagara River between 1906 and 1910 had resulted in appreciable increasing the impairment of the falls and had lowered the river stages about the rapids.

The greatest effect is shown on the Canadian side of the Horseshoe Falls, where this increased diversion has resulted in a lowering of the water level six inches, although the decrease of one and one-half inches in the shallows waters at the eastern end of the Horseshoe has resulted in exceeding greater drops of crest line. In this connection it may be stated, however, that the records of the gauges at the Canadian end of the falls show a lowering in the four years for mean stages of Lake Erie of about six inches—six inches of which are accounted for by extensive breaking away of the crest line and the consequent increased volume of flow over the centre of the falls.

"A project of removing the battlements at Niagara Falls," Gen. Bixby says, "after first dredging the cataract, was approved by the President October 20, 1910. Materials were ordered and work was started immediately. Dredging of the interlocking piles for the cataract was started December 6 and completed March 31. Preparatory to dredging certain heavy stones of rockwork were removed from the cataract to the bottom of the dam. The filling of the cataract, with stiff clay dredged from a bar in Havana harbor near the dam was begun March 27 and completed May 14. Cylinder B gave way by opening outward on March 25 and cylinder N on May 8. Both were repaired and put into immediate use. The total amount of foreign steel sheet piling with splices and bolts bought for the work was 4,761.41 tons of 2,900 pounds. The total amount of dredged material used in filling the cataract was 81,572 cubic yards. One thousand and eighty-six cubic yards of stone were used in cylinders and in starting a new toe for the cylinder batters within the dam. The main deck of the Maine, with its superstructure was exposed and the articles of furniture and equipment recovered were turned over to representatives of the navy. The representatives of the quartermaster's department of the armament局 for parts of remains of dead recovered.

A balance of \$16,623 remains available of a total appropriation of \$50,000 made by Congress for raising the wreck.

Movements of Naval Vessels.

WASHINGTON, Nov. 22.—The collier *Nanshan* has arrived at Nanking the torpedo boats *Maecongh* and *Li Feng* at Southport, N. C., the supply ship *Glacier* at Man Island light, the battleship *Connecticut*, Michigan, North Dakota, Louisiana, Vermont, New Hampshire and South Carolina and the destroyers *Winnipeg* and *North Carolina* at Lantau Roads and the cruiser *Mississippi* from Manila.

The gunboat *Hedma* has sailed from Wmata for Hawaiki, the gunboat *Petrel* and the torpedo boat *Bagley* from the New York yard for Hampton Roads, the torpedo boat *Stringham* from the New York yard for Annapolis, the collier *Saint Lucia* from the New York yard for New London, the battleship *Massachusetts* from Newport for Philadelphia, the collier *Prometheus* from San Diego for Mare Island, the battleship *Oregon* from San Francisco for Santa Barbara and the cruisers *California*, *South Dakota*, *Maryland*, *West Virginia* and *Colorado* from San Francisco for Honolulu.

Army and Navy Orders.

WASHINGTON, Nov. 22.—These orders were issued:

Lieut. William Cushing, Medical Corps, from General Hospital, Hot Springs, Ark., to station Lieut.-Col. H. G. Lachmann, former in command of the 1st Cavalry, Det., with organized militia of Delaware.

First Lieut. Walter Stigles, Coast Artillery, to New York, for general recruiting service, relieving First Lieut. John E. Teller, from former recruiting service.

First Lieut. Henry M. Teiger, Coast Artillery, to Memphis, Tenn., to take charge of recruits.

Second Lieut. Frank H. Phillips, Jr., Coast Artillery, to Columbus Barracks, Ohio, for general recruiting service, relieving First Lieut. John E. Teller, from Coast Artillery, from former recruiting service.

First Lieut. Stanley Koch, Thirteenth Cavalry, from Fort Riley, Kas., to First Cavalry, from getting Indian agent at Hatchet and Ora Agency, Kansas.

Capt. H. W. Smith, Coast Artillery, from Mississippi to Eighty-fifth Company.

First Lieut. Frank H. Phillips, Jr., Coast Artillery, to Columbus Barracks, Ohio, for general recruiting service, relieving First Lieut. John E. Teller, from the Republican National Committee meets to decide upon convention city and to arrange other matters for the coming campaign. Mr. Taft will ask them to a White House dinner.

Want a Hearing on Budget Cut.

Charles H. Strong, president of the City Club, wrote yesterday to Mayor Gaynor asking for a public hearing before the Mayor acts on the resolution of the Board of Aldermen cutting the budget. Mayor Gaynor did not announce whether or not he would grant a hearing.

After 100 Years—

of experiment the Non-refillable Bottle has at last been perfected. And with the perfection of this safeguard of purity has been born a new brand of whiskey—"Watchman."

Thoroughbred whiskey this, the rarest yield of the grain, mellowed by maturity—and every drop Ye Olde *Watchman Whiskey*

(In Non-refillable Bottle)

At Leading Clubs, Hotels, Cafes, Restaurants, and Dealers.

FARRELL SHORT SOMETIMES.

Usually Borrowed From Gordon, He Says, and Paid Him 6 Per Cent. Interest.

Frank F. Farrell was cross-examined yesterday in the suit of Joseph Gordon for the half the profits of the New York American League baseball team for the last eight years, under an alleged agreement that Gordon was to have this amount for his services in aiding to organize the club. When his testimony was concluded Justice in school adjourned the case a week to enable the plaintiff to try to subpoena John J. McGraw of the New York Nationals as a witness.

Edmund L. Mooney, counsel for Gordon, sought to show that when Farrell talks business he prefers to have no witnesses present. The lawyer asked if Farrell didn't tell Ban Johnson that he would have to talk with him alone when Gordon came to meet Johnson at the Criminal Court in 1903. "I did," said Farrell.

It was agreed by the two opposing companies as being the most advantageous for the needs of the great harbor.

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LEAPS FROM 26TH FLOOR.

Discharged Bookkeeper Burns Himself to Death From City Investing Building.

John H. Johnston, formerly a bookkeeper for the New York County Lawyers Association, jumped from a window on the twenty-sixth floor of the City Investing Building, 365 Broadway, yesterday morning and landed on the roof of a three story extension on the Cortlandt street side, 280 feet below. He was instantly killed.

Last Friday Johnston was discharged but had been coming back every day to show his success in the ways of the office and in hope of being reinstated. Saturday the Lawyers Association left the room on the twenty-sixth floor and Monday morning and landed on the roof of a three story extension on the fifth story Johnston did not appear there yesterday.

Windham, Vt., where he had his office, had his family and his wife and two sons too small for any one to get out and workers were busy there all yesterday. They saw nothing come in. Next door at 2614 J. D. Brookway, and J. Lindsay Hoyt, formerly had offices there moved out west to another floor and the other two were occupied yesterday morning so that workers could get in to make alterations. In this office was found Johnston's coat. The windows of this room are large and look out onto the sheer descent of twenty-three stories and ends in the extension. It is thought that Johnston jumped from one of the windows because familiar with the law of falling bodies estimated that the impact of such a fall would be between 100 and 150 feet.

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